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What is claimed:

- 1. (Currently Amended) A stable and highly efficacious aqueous antiperspirant solution free of amino acid and polyhydric alcohol and consisting essentially of from about 15 to about 40 percent anhydrous solid of a salt selected from aluminum/zirconium tetrachlorohydrate, aluminum/zirconium pentachlorohydrate, and aluminum/zirconium octachlorohydrate in which the aluminum to zirconium (Al/Zr) atomic ratio of said salt falls within the limits of the shaded areas A, B, and C, the drawing respectively, of graph and wherein, respectively, aluminum/zirconium tetrachlorohydrate has an Al/Zr atomic ratio from about 2 to about 6 and metal/chloride atomic ratio about 0.9 to about 1.25; aluminum/zirconium pentachlorohydrate having Al/Zr atomic ratio from about 6 to about 10 and metal/chloride atomic ratio from about 1.5 to about 1.65; and aluminum/zirconium octachlorohydrate having Al/Zr atomic ratio from about 6 to about 10 and metal/chloride atomic ratio from about 0.9 to about 1.5.
- 2. (Original) The antiperspirant solution of claim 1 wherein the salt is the aluminum/zirconium octachlorohydrate.
- 3. (Original) The antiperspirant salt of claim 1 wherein the salt is the aluminum/zirconium tetrachlorohydrate.
- 4. (Original) The antiperspirant salt of claim 1 wherein the salt is the aluminum/zirconium pentachlorohydrate.

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5. (Original) The antiperspirant salt of claim 2 wherein the percent of the anhydrous salt is from about 20 to about 40.

- 6. (Original) The antiperspirant salt of claim 3 wherein the percent of the anhydrous salt is from about 20 to about 40.
- 7. (Original) The antiperspirant salt of claim 4 wherein the percent of the anhydrous salt is from about 20 to about 40.
- 8. (Original) The antiperspirant solution according to claim 1 which is dried to a powder.
- 9. (Original) A method of making stable aluminum-zirconium salt solution free of amino acid and polyhydric alcohol which comprises mixing and reacting basic aluminum halides and nitrates of the formula:

$$AI_2(OH)_{6-a}X_a$$

wherein X is Cl, Br and/or NO₃, wherein a is from about 1 to 2 with a zirconium compound of the formula:

$$ZrO(OH)_bX_{2-b}$$
.

wherein b is a numerical number from 0 to 1.3 and X is Cl, Br and/or NO₃ at temperature not in excess of about 80°C.

- 10. (Original) The method of claim 9 wherein the reaction is at room temperature.
- 11. (Original) The method of claim 9 wherein the basic aluminum halides and nitrate employed in the reaction is made by reacting (a) aluminum powder, (b) an aluminum halide or nitrate solution and (c) water at a temperature greater than about 85°C.

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12. (Original) The method of claim 9 wherein the basic aluminum halides and nitrate is made by mixing about 50% aluminum chlorohydrate with AlCl₃ or HCl from about room temperature to about reflux for a period of about 0.5 hr. to 2 days.

- 13. (Original) The method of claim 9; wherein the zirconium halide complex is made by mixing basic zirconium carbonate with HCl or zirconium oxychloride at a temperature of about 50 70°C until the solution is clear.
- 14. (Original) The method of claim 13 wherein the zirconium halide complex is heated at about 80 100°C for 0.5 to 4 hrs.
- 15. (Original) The method of claim 9 wherein the aluminum-zirconium solution is dried to a powder.
- 16.(Original) A roll on formulation in which the solution of claim 1 is the active ingredient.
- 17.(Original) A clear gel formulation in which the solution of claim 1 is the active ingredient.
- 18. (Original) An antiperspirant stick formulation in which the powder of claim 8 is the active ingredient.